Anti-ACVR2B (aa 100-200) polyclonal antibody (DPABH-01961)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description
On ligand binding, forms a receptor complex consisting of two type II and two type I transmembrane serine/threonine kinases. Type II receptors phosphorylate and activate type I receptors which autophosphorylate, then bind and activate SMAD transcriptional regulators. Receptor for activin A, activin B and inhibin A.

Immunogen
Synthetic peptide corresponding to Human Activin Receptor Type IIB aa 100-200 conjugated to Keyhole Limpet Haemocyanin (KLH). Database link: Q13705

Isotype
IgG

Source/Host
Rabbit

Species Reactivity
Human

Purification
Immunogen affinity purified

Conjugate
Unconjugated

Applications
WB

Format
Liquid

Size
100 μg

Buffer
pH: 7.40; Constituent: PBS

Preservative
0.02% Sodium Azide

Storage
Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name
ACVR3B activin A receptor, type IIB [ Homo sapiens ]

Official Symbol
ACVR2B

Synonyms
ACVR2B; activin A receptor, type IIB; HTX4; ACTRIIB; ActR-IIB; activin receptor type-2B;
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<tr>
<th><strong>Entrez Gene ID</strong></th>
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<tr>
<td><strong>Protein Refseq</strong></td>
<td>NP_001097.2</td>
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<td><strong>UniProt ID</strong></td>
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<td><strong>Pathway</strong></td>
<td>Cytokine-cytokine receptor interaction; Developmental Biology; Signal Transduction; Signaling by BMP</td>
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<td><strong>Function</strong></td>
<td>ATP binding; activin binding; contributes_to activin receptor activity, type II; growth factor binding</td>
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